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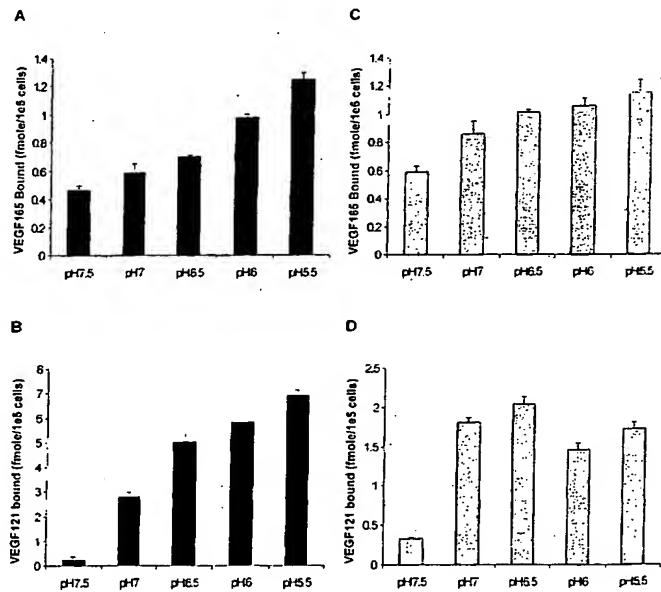
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(54) Title: METHOD FOR STIMULATING ANGIOGENESIS AND WOUND HEALING



(57) Abstract: A device comprising an extracellular matrix having an internal pH between 4.0 and 6.0 is discussed. This matrix contains heparin or a heparin-related compound such as heparan sulfate. Preferably the matrix also contains fibronectin or a fragment thereof. The matrix will bind to a protein having a pH dependent binding to heparin such as VEGF, preferably VEGF 121 or VEGF 165. The device will release the protein as the pH increases to physiological pH, such as 7.0 to 7.5. The device can be used to deliver a drug to a specific site. For example, with VEGF to a site in need of angiogenesis.

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